

# Owners and Operators of Lagoon Systems

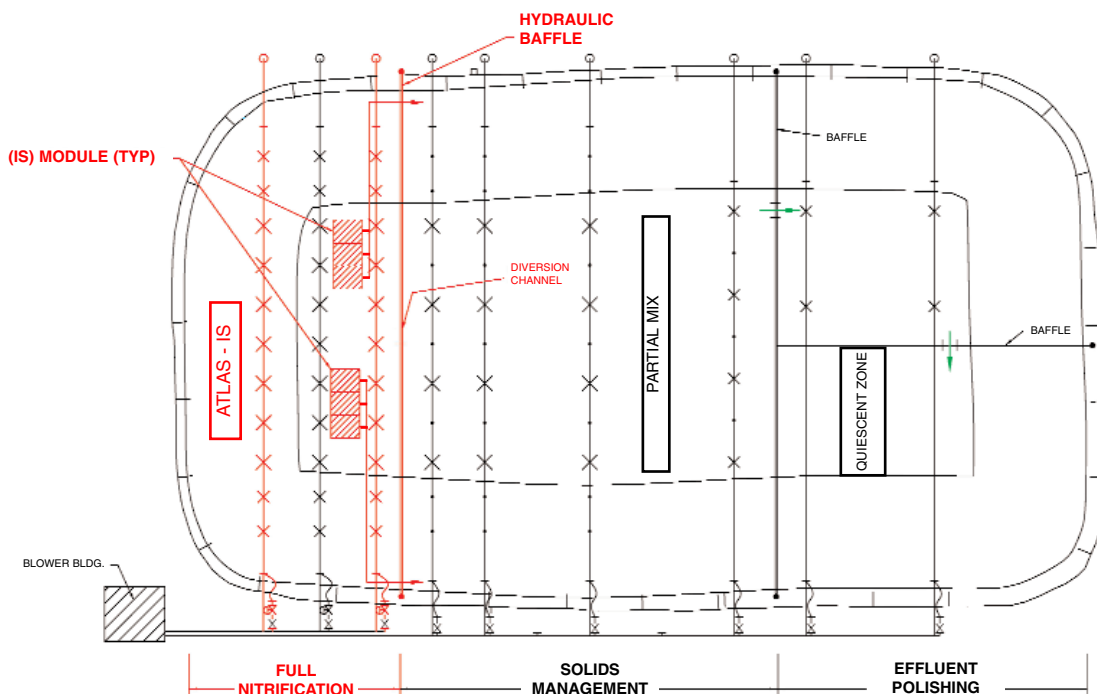
## ATLAS – IS



### Your Answer for Improved Effluent Quality!

EDI is pleased to introduce an innovative approach to biological wastewater treatment that provides year-round nitrification in lagoon systems.

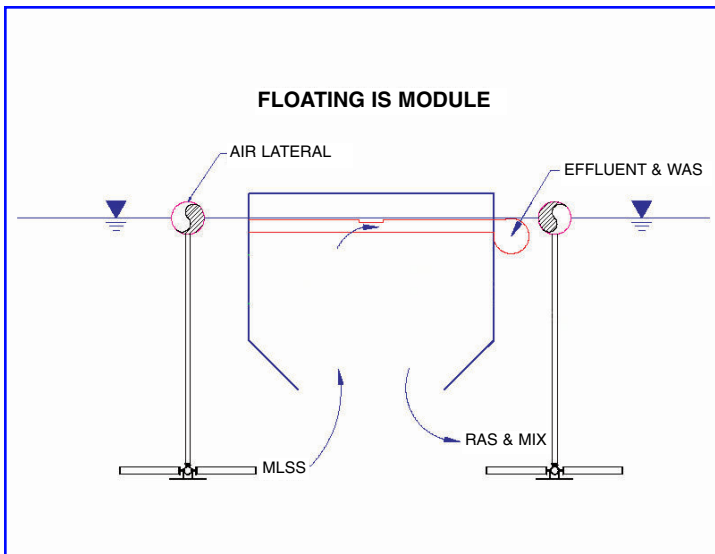
This unique system is specifically designed to provide a high level of treatment performance with minimal increases in operations or maintenance in comparison to conventional aerated lagoons. The patented ATLAS – IS (Internal Separator) system is the most cost effective solution available in the industry today when advanced treatment performance is required from a lagoon facility.



\* Patent # 6,770,200

## What differentiates the ATLAS – IS system over Competing Technologies?

- ◆ **System Simplicity, Self-Regulating, No Process Operator Interface Required** – Unlike conventional activated sludge technologies, day-to-day management of the system is not required. Operators need only to confirm proper operations of the blower.
- ◆ **Low Capital Cost** – Utilizes existing lagoon infrastructure and eliminates the requirement for external mechanical clarifiers and side-stream pumping loops.



- ◆ **Install in Existing Lagoons** – The existing lagoons may be upgraded without taking the existing system offline.
- ◆ **Maintains Existing Lagoon Solids Management Program** – Waste solids discharged to downstream partial mix and quiescent cells for long-term storage and stabilization.
- ◆ **No Return or Waste Sludge Pumps** – Settled solids are automatically returned. Waste solids automatically removed. No external pumping loops are required.
- ◆ **Low Operating Cost** – No recycle pumping and efficient aeration technology keep operating cost at a minimum.
- ◆ **Low Maintenance Requirements** – Few mechanical components and fully accessible diffuser components.



The ATLAS – IS system is guaranteed to provide year-round nitrification and maintain your current BOD and TSS effluent standards.

For additional information on this innovative biological system, please contact your local EDI Market Partner or EDI directly at [EDI@wastewater.com](mailto:EDI@wastewater.com) or 573-474-9456.

Your EDI Market Partner is:



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